

WHAT IS CLAIMED IS:

1. A method for volume manager based redundant array of independent disks (RAID) creation, comprising:
 - obtaining information on a data portion of a disk
 - 5 RAID volume;
 - verifying that disks of the RAID are zeroed;
 - aborting RAID creation if the disks are not zeroed;
 - monitoring input/output (I/O) operations between an information handling system volume manager and an
 - 10 information handling system disk driver;
 - intercepting all I/O operations between the volume manager and the disk driver;
 - if an intercepted I/O operation is a write operation to the data portion of the RAID volume, returning a
 - 15 success status to a requesting application;
 - if an intercepted I/O operation is a read operation of the data portion of the RAID volume, returning a zeroed buffer to a requesting application; and
 - if an intercepted I/O operation is a non-data
 - 20 portion access I/O operation, passing the non-data portion access I/O operation to the disk driver for processing.
2. The method of Claim 1, further comprising
- 25 initializing creation of a parity based RAID.
3. The method of Claim 2, further comprising creating a RAID-5 parity based RAID.

4. An information handling system, comprising
at least one processor;
a memory operably associated with the processor;
at least three information storage devices operably
5 coupled to the memory and the processor; and
a program of instructions storable in the memory and
executable by the processor, the program of instructions
operable to intercept input/output (I/O) operations
during creation of a redundant array of independent disks
10 (RAID) on the information storage devices, process I/O
operations directed to accessing RAID disk structures,
process I/O operations directed to accessing RAID
configuration information and provide for processing of
I/O operations directed to accessing a data portion of
15 the RAID.

5. The information handling system of Claim 4,
further comprising the program of instructions operable
to intercept I/O instructions between a volume manager
20 and a disk driver of the information handling system.

6. The information handling system of Claim 5,
further comprising the program of instructions operable
to intercept all I/O operations between the volume
25 manager and the disk driver during RAID creation.

7. The information handling system of Claim 4,
further comprising the program of instructions operable
to verify that the information storage devices have been
30 zeroed.

8. The information handling system of Claim 4,
further comprising the program of instructions operable
to respond to read operations of the data portion with a
5 zeroed buffer.

9. The information handling system of Claim 4,
further comprising the program of instructions operable
to respond to write operations to the data portion with a
10 successful status.

10. The information handling system of Claim 4,
further comprising the program of instructions operable
during creation of a parity-based RAID.
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11. The information handling system of Claim 10,
further comprising the program of instructions operable
during creation of a RAID-5 parity-based RAID.

12. A computer readable medium comprising a program of instructions, the program of instructions implementing a method for redundant array of independent disks (RAID) creation, the program of instructions operable to cause
5 an information handling system to:

monitor input/output (I/O) operations submitted for processing by an information handling system disk driver; and

filter I/O operations associated with a data portion
10 of the RAID.

13. The computer readable medium of Claim 12, further comprising the program of instructions operable to return write operations to the data portion of the
15 RAID with a predefined status.

14. The computer readable medium of Claim 13, further comprising the program of instructions operable to return write operations with a good status.

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15. The computer readable medium of Claim 12, further comprising the program of instructions operable to return read operations of the data portion with a predefined parity value.

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16. The computer readable medium of Claim 15, further comprising the program of instructions operable to return zero parity value.

17. The computer readable medium of Claim 12,
further comprising the program of instructions operable
to intercept all I/O operations between a volume manager
and a disk driver of the information handling system.

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18. The computer readable medium of Claim 12,
further comprising the program of instructions operable
to pass to the disk driver for processing, I/O operations
associated with configuration of the RAID.

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19. The computer readable medium of Claim 12,
further comprising the program of instructions operable
to pass to the disk driver for processing, I/O operations
concerning RAID disk structures.

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20. The computer readable medium of Claim 12,
further comprising the program of instructions operable
during RAID-5 creation.